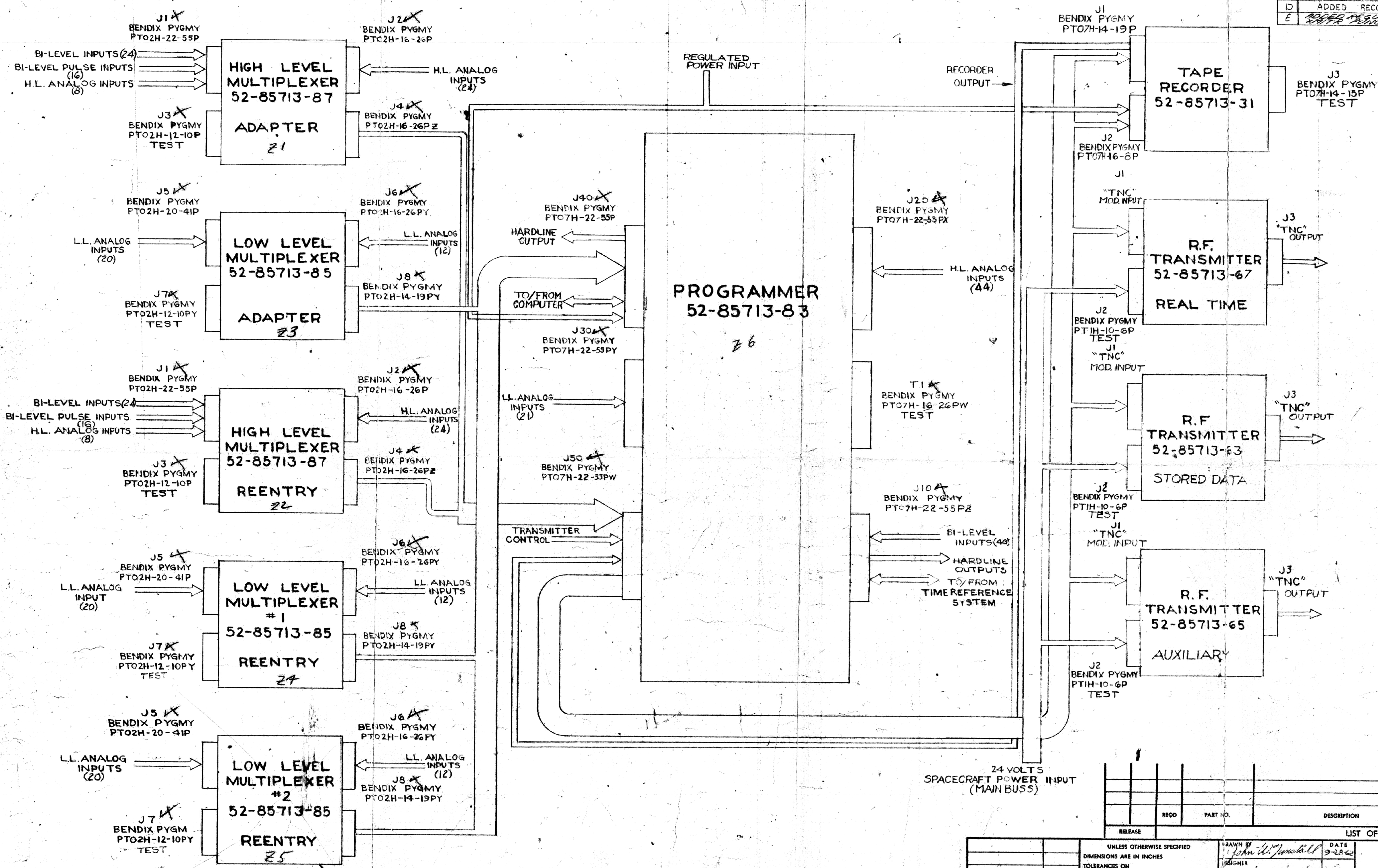
SYM	DESCRIPTION	DATE	APPROVED
A	SEE DCN (ADCN-1)	10-25-62	900
B	SEE DCN (ADCN-2)	11-23-62	g.w.t.
C	ADDED HARDLINE O.P. ⇒	12/28/62	
D	ADDED RECORDER OUTPUT →	1/25/63	W.E.H.
E	ADDED REGULATED POWER INPUT. CHANGED XMITR FUNCTIONS	4/2/63	g.w.t. MKR


J1 BENDIX PYGMY PTO2H-22-55P
BI-LEVEL INPUTS (24)
BI-LEVEL PULSE INPUTS (16)
H.L. ANALOG INPUTS (8)
HIGH LEVEL MULTIPLEXER 52-85713-87
ADAPTER
Z1
J2 BENDIX PYGMY PTO2H-16-26P
H.L. ANALOG INPUTS (24)
J3 BENDIX PYGMY PTO2H-12-10P TEST
J4 BENDIX PYGMY PTO2H-16-26PZ
J5 BENDIX PYGMY PTO2H-20-41P
L.L. ANALOG INPUTS (20)
LOW LEVEL MULTIPLEXER 52-85713-85
ADAPTER
Z3
J6 BENDIX PYGMY PTO2H-16-26PY
L.L. ANALOG INPUTS (12)
J7 BENDIX PYGMY PTO2H-12-10PY TEST
J8 BENDIX PYGMY PTO2H-14-19PY
J1 BENDIX PYGMY PTO2H-22-55P
BI-LEVEL INPUTS (24)
BI-LEVEL PULSE INPUTS (16)
H.L. ANALOG INPUTS (8)
HIGH LEVEL MULTIPLEXER 52-85713-87
REENTRY
Z2
J2 BENDIX PYGMY PTO2H-16-26P
H.L. ANALOG INPUTS (24)
J3 BENDIX PYGMY PTO2H-12-10P TEST
J4 BENDIX PYGMY PTO2H-16-26PZ
J5 BENDIX PYGMY PTO2H-20-41P
L.L. ANALOG INPUT (20)
LOW LEVEL MULTIPLEXER #1 52-85713-85
REENTRY
Z4
J6 BENDIX PYGMY PTO2H-16-26PY
L.L. ANALOG INPUTS (12)
J7 BENDIX PYGMY PTO2H-12-10PY TEST
J8 BENDIX PYGMY PTO2H-14-19PY
J5 BENDIX PYGMY PTO2H-20-41P
L.L. ANALOG INPUTS (20)
LOW LEVEL MULTIPLEXER #2 52-85713-85
REENTRY
Z5
J6 BENDIX PYGMY PTO2H-16-26PY
L.L. ANALOG INPUTS (12)
J8 BENDIX PYGMY PTO2H-14-19PY
J7 BENDIX PYGM PTO2H-12-10PY TEST
REGULATED POWER INPUT
J40 BENDIX PYGMY PTO7H-22-55P
HARDLINE OUTPUT
TO/FROM COMPUTER
J30 BENDIX PYGMY PTO7H-22-55PY
L.L. ANALOG INPUTS (21)
J50 BENDIX PYGMY PTO7H-22-55PW
TRANSMITTER CONTROL
PROGRAMMER 52-85713-83
Z6
J20 BENDIX PYGMY PTO7H-22-55PX
H.L. ANALOG INPUTS (44)
T1 BENDIX PYGMY PTO7H-16-26PW TEST
J10 BENDIX PYGMY PTO7H-22-55PZ
BI-LEVEL INPUTS (40)
HARDLINE OUTPUTS
TO/FROM TIME REFERENCE SYSTEM
RECORDER OUTPUT
J1 BENDIX PYGMY PTO7H-14-19P
TAPE RECORDER 52-85713-31
J2 BENDIX PYGMY PTO7H-16-8P
J3 BENDIX PYGMY PTO7H-14-15P TEST
J1 "TNC" MOD. INPUT
R.F. TRANSMITTER 52-85713-67
REAL TIME
J3 "TNC" OUTPUT
J2 BENDIX PYGMY PT1H-10-6P TEST
J1 "TNC" MOD. INPUT
R.F TRANSMITTER 52-85713-63
STORED DATA
J3 "TNC" OUTPUT
J2 BENDIX PYGMY PT1H-10-6P TEST
J1 "TNC" MOD. INPUT
R.F. TRANSMITTER 52-85713-65
AUXILIARY
J3 "TNC" OUTPUT
J2 BENDIX PYGMY PT1H-10-6P TEST
24 VOLTS SPACECRAFT POWER INPUT (MAIN BUSS)

THIS MULTIPLEXER IS PROVISIONARY AND IS NOT INCLUDED AS PART OF A NORMAL DATA TRANSMISSION SYSTEM.

LIST OF MATERIALS

RELEASE	REQD	PART NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC	FINISH	SYM

NEXT ASSY NO.	QTY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
—"—
MATERIAL —"—
TREATMENT OR FINISH —"—

		DATE
DRAWN BY	John W. Tunstall	9-28-62
DESIGNER	J. C. Bouchard	9-28-62
CHECKED		9-28-62
ENGINEER	J. C. Bouchard	9-28-62
APPROVED		10-2-62
DESIGN ACTIVITY APPROVAL		
CONTRACTOR APPROVAL		

Electro-Mechanical Research, Inc.
SARASOTA FLORIDA

GEMINI
DATA TRANSMISSION SYSTEM
INTERCONNECTION BLOCK DIAGRAM

CODE IDENT NO. 06141
SIZE D
410380
SCALE —"—
SHEET

SHEET 410380

DIETZGEN 198M Aqueproof Tracing Paper